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## JAPANESE PATENT OFFICE

## PATENT ABSTRACTS OF JAPAN

61094930

## PALLETIZING ROBOT SYSTEM

Patent Number: JP61094930  
Publication date: 1986-05-13  
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Application Number: JP19840212517 19841012  
Priority Number(s):  
IPC Classification: B65G61/00 ; B65G67/04  
EC Classification:

## Abstract

**PURPOSE:** To enable a cargo to be loaded on a transport equipment automatically by grasping the leftover condition of cargoes in a temporary depository and the loading condition of cargoes within a cargo transport equipment by the aid of a graphic display terminal equipment so as to permit a robot to operate in response to the conditions grasped.

**CONSTITUTION:** The dimension of a cargo is read by a measuring device 1 through a computer control of a palletizing robot system. Subsequently, the cargo is housed in a temporary depository. Then, the leftover condition of cargoes in the depository and the loading condition of cargoes within a cargo transport equipment for shipment such as a pallet and others are grasped by the aid of a graphic display terminal equipment 6. Then, cargoes to be loaded and the location of cargoes to be loaded in the transport equipment are commanded to a robot 5 allowing the robot 5 to pick up the designated cargo as directed from a loop conveyor 3 and load it on the transport equipment.

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